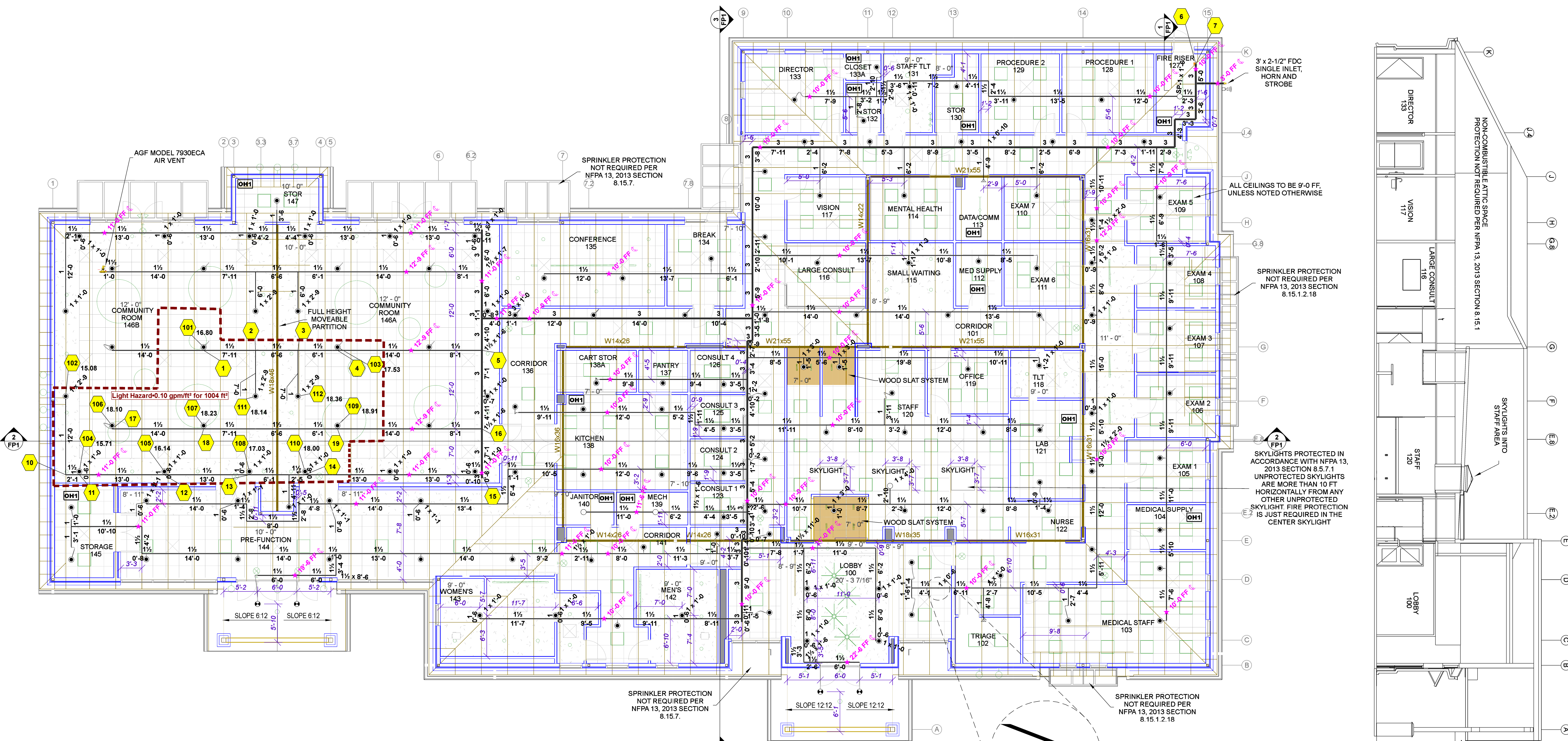
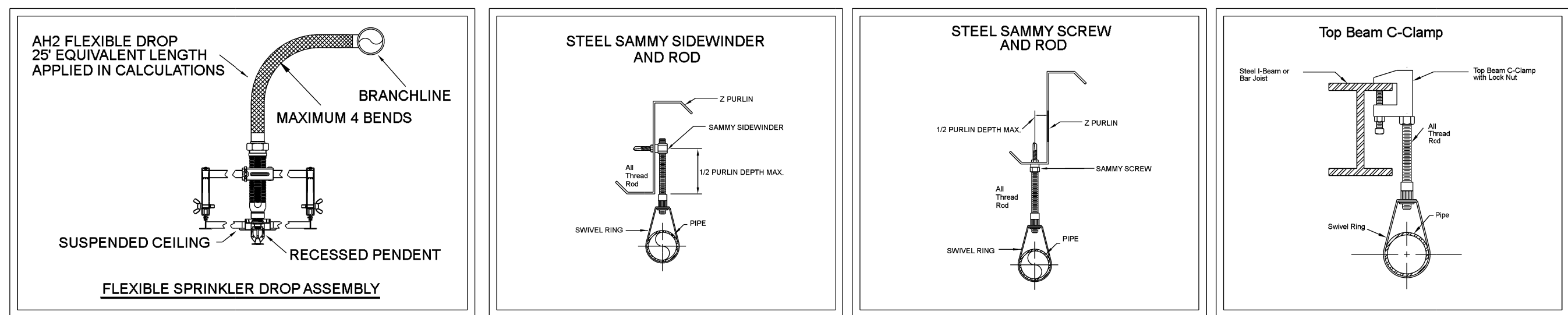


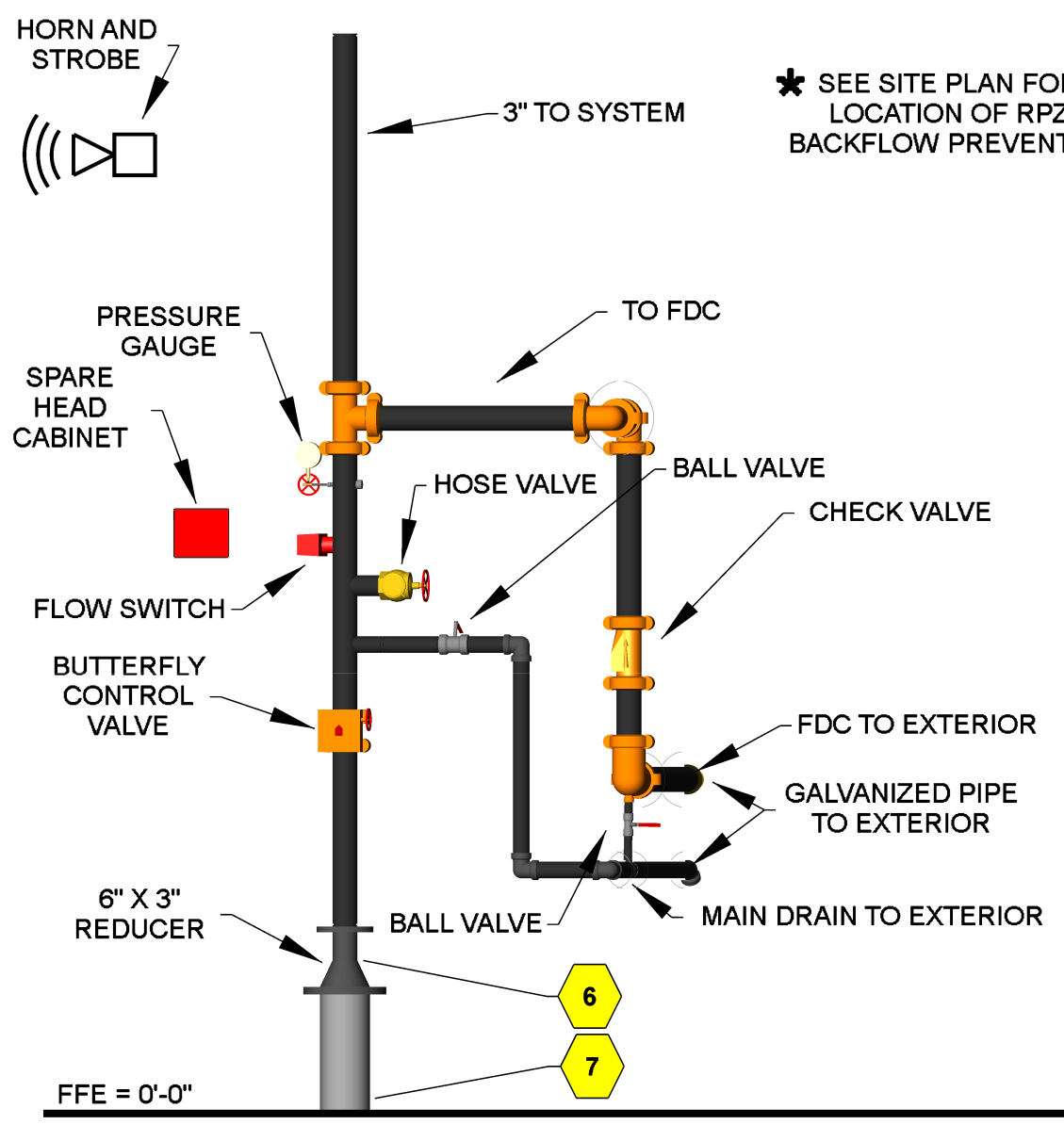
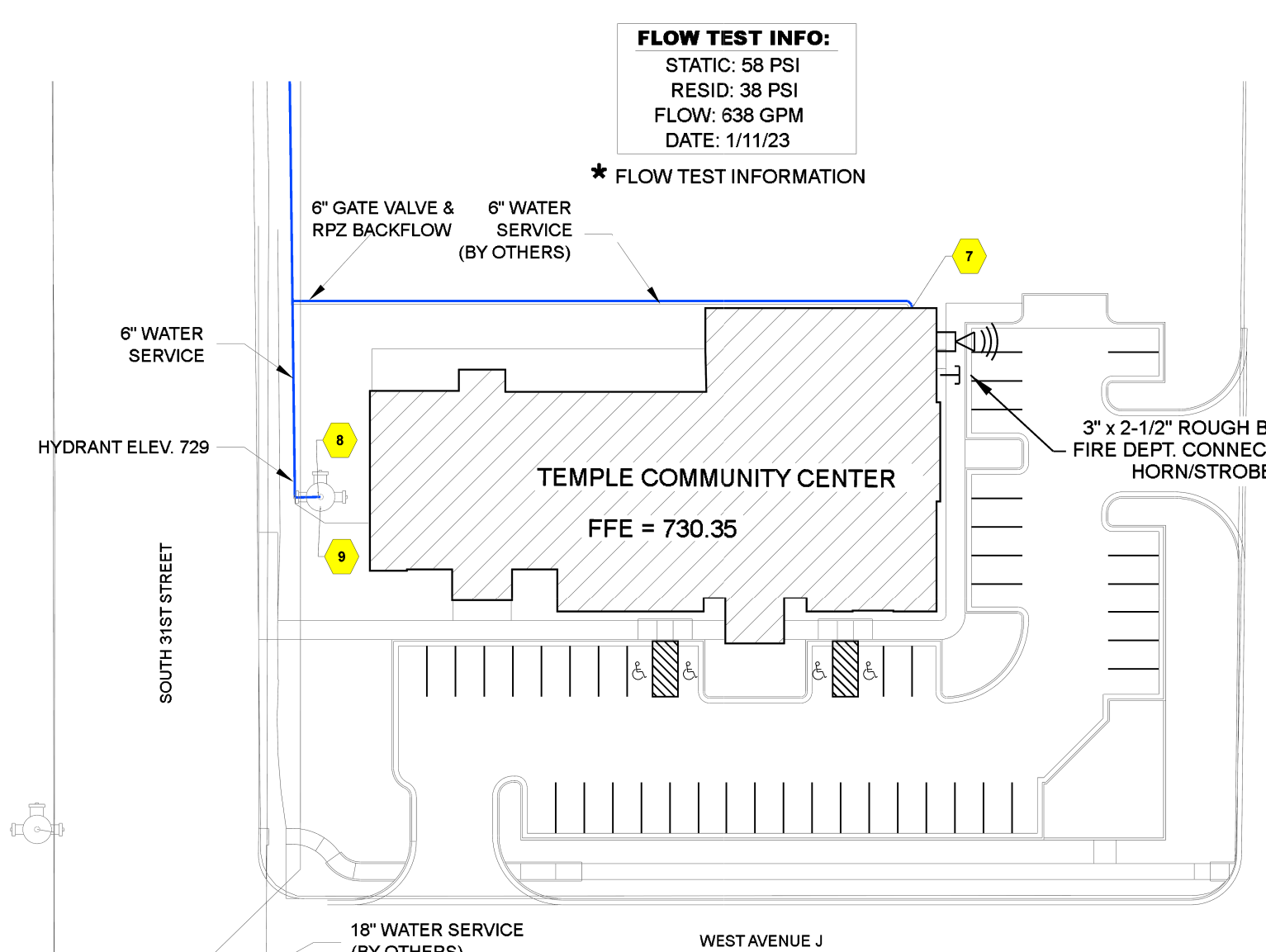
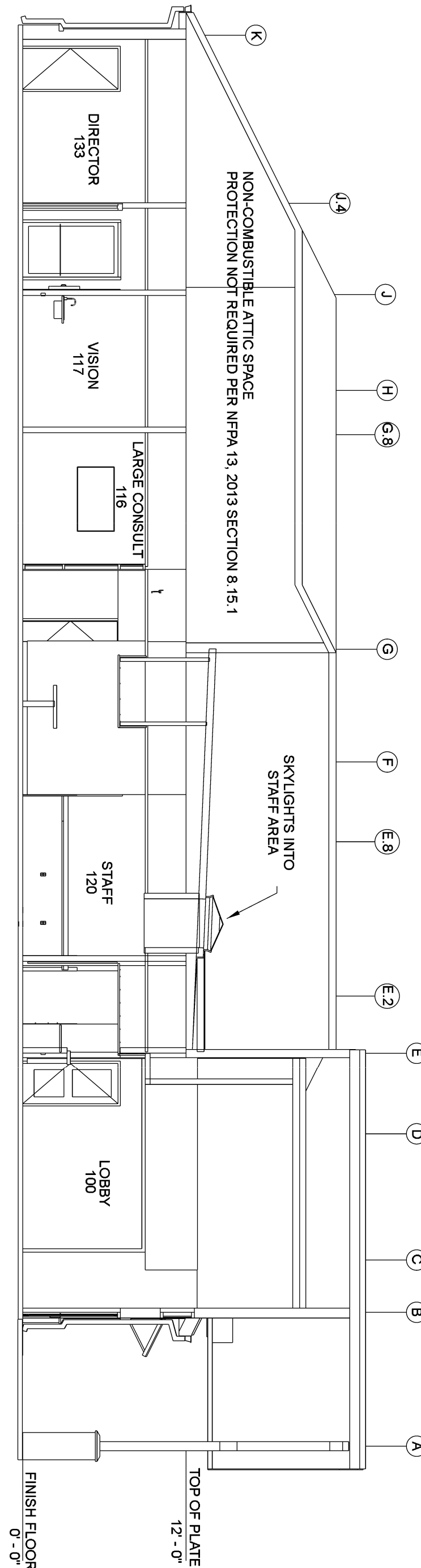
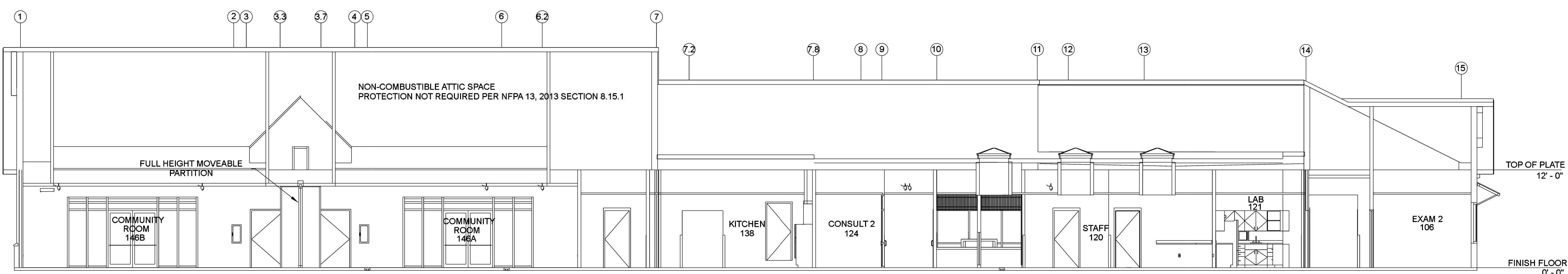


Hydraulic Information	
Remote Area 1	
OCCUPANCY CLASSIFICATION	Light Hazard
DENSITY (gpm/ft)	0.10 for 945 ft ² (Actual 1004 ft ²)
TOTAL HOSE STREAMS	100.00
TOTAL HEADS FLOWING	12
K-FACTOR	5.6
TOTAL WATER REQUIRED	308.04
TOTAL PRESSURE REQUIRED	36.44
BASE OF RISER (psi)	308.04
SAFETY MARGIN (psi)	+16.36 (31.0%)

Sprinkler Legend										
Symbol	Manufacturer	SIN	Model	Quantity	K-Factor	Type	Size	Response	Finish	Temperature
●	Reliable	RA1414	F1FR56	136	5.6	Pendent	1/2	Quick	Chrome	200 °F
○	Reliable	RA1425	F1FR56	4	5.6	Upright	1/2	Quick	Brass	200 °F
●	Victaulic	V3506	VS1	4	5.6	Pendent	1	Quick	Chrome	200 °F
●	Reliable	RA1436	F1FR56	2	5.6	Sidewall	1/2	Quick	Chrome	200 °F
				Total = 146						



MAXIMUM DISTANCE BETWEEN HANGERS (FT.-IN.)									
	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"
STEEL PIPE EXCEPT THREADED LIGHTWALL	NA	12-0	12-0	15-0	15-0	15-0	15-0	15-0	15-0
THREADED LIGHTWALL STEEL PIPE	NA	12-0	12-0	12-0	12-0	NA	NA	NA	NA



- GENERAL INFORMATION**
- INTERNATIONAL BUILDING CODE (2015)
 - OCCUPANCY: TYPE A-3, B
 - TYPE OF CONSTRUCTION: II-B (NON-COMBUSTIBLE CONSTRUCTION)
 - SPRINKLERED AREAS (APPROXIMATE - SEE ARCHITECTURAL PLANS FOR ACTUAL)
 - MAIN FLOOR = 12,316 S.F.
 - DESIGN & INSTALLATION STANDARDS: NFPA-13 (2013)
 - SPRINKLER PIPE TYPES:
 - WET
 - 1" THROUGH 2" PIPE TO BE SCHEDULE 40 BLACK STEEL W/ THREADED FITTINGS
 - 2" OUTLETS CONNECTED TO AH2-300 FLEXDROPS TO BE THREADED; 1" ARMORERS CONNECTED TO AH2-300 FLEXDROPS TO BE THREADED
 - 2-1/2" THROUGH 4" MAINS & BRANCH LINES TO BE BLK SCHEDULE 10 W/ GROOVED FITTINGS
 - 2-1/2" AND LARGER TO USE GROOVED SHORT RADIUS FITTINGS
 - HEAT TRACING OR ADDITIONAL INSULATION MAY BE REQUIRED FOR THE FIRE SPRINKLER PIPING IN THE FOLLOWING LOCATIONS: LOBBY 100, PRE-FUNCTION 144, COMMUNITY ROOM 146A & B, TO BE PROVIDED AND INSTALLED BY OTHERS
 - DESIGN CRITERIA:
 - LIGHT HAZARD AREAS INCLUDE COMMUNITY ROOMS, CORRIDORS, CONFERENCE, RESTROOMS, LOBBY STAFF, EXAM AND OFFICES
 - ORDINARY HAZARD GROUP I AREAS INCLUDE KITCHEN, JANITOR, DATA/COMMUNICATIONS, MECHANICAL, MEDICAL SUPPLY AND STORAGE ROOMS
 - REMOTE AREA REDUCTIONS HAVE BEEN TAKEN WHERE APPLICABLE PER NFPA 13 SEC. 11.2.3.2.3
 - NOTES:
 - ALL MATERIAL TO BE NEW AND MEET U.L. STANDARDS
 - HANGERS TO BE INSTALLED IN ACCORDANCE WITH NFPA 13 - SEE PLAN FOR HANGING
 - SYMBOLS USED ON DRAWINGS:
 - PIPE ELEVATION ABOVE FINISH FLOOR
 - PIPE ELEVATION BELOW TOP OF STEEL
 - ROOM HAZARD CLASSIFICATION (ALL ROOMS ARE CONSIDERED LIGHT HAZARD U.N.O.)
 - HYDRAULIC CALCULATION JUNCTION POINT
 - CEILING HEIGHT
 - FIRE RATED WALL
 - WET BLACK STEEL PIPE
 - SCOPE OF WORK:
 - INSTALL A COMPLETE SINGLE ZONE WET FIRE SPRINKLER SYSTEM TO COVER ALL AREAS OF BUILDING

REVISIONS

NO.	DESCRIPTION

Drawing Title: **FIRE PROTECTION PLANS**
 Project No.: P-011
 Drawn By: SRM
 Scale: AS NOTED
 Date: 1/18/2023
 DWG Type: SUBMITTAL
 Parcel No.: -

TEMPLE COMMUNITY CLINIC
 1508 W AVENUE J | TEMPLE, TX 76604

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